

Rabbit anti-Human PSMB8 Polyclonal Antibody | anti-PSMB8 antibody

PSMB8 Antibody (N-term)

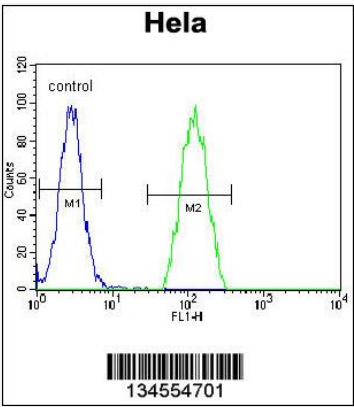
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA289566	Rabbit	Human	Flow Cytometry, Functional Assay, ELISA, Western Blot

PRODUCT SYNONYMS

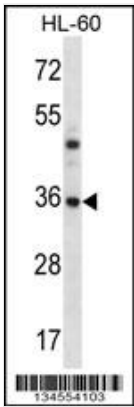
PSMB8; Polyclonal Antibody; PSMB8 Antibody (N-term); Proteasome subunit beta type-8; Low molecular mass protein 7; Macropain subunit C13; Multicatalytic endopeptidase complex subunit C13; Proteasome component C13; Proteasome subunit beta-5i; Really interesting new gene 10 protein; LMP7; PSMB5i; RING10; Y2; anti-PSMB8 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This PSMB8 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 8-36 amino acids from the N-terminal region of human PSMB8.
Purity/Purification	Peptide Affinity Purified Rabbit Polyclonal Antibody (Pab)
Form/Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.
Concentration	Vial Concentration: 0.41 (varies by lot)
Sequence Positions	8-36
Sequence Length	272
Applicable Applications for anti-PSMB8 antibody	FCM/FACS (Flow Cytometry), ELISA, WB (Western Blot)
Antigen Type	Synthetic Peptide
Antigen Source	HUMAN
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.



FCM/FACS (Flow Cytometry)
PSMB8 Antibody (N-term) flow cytometric analysis of Hela cells (right histogram) compared to a negative control cell (left histogram). FITC-conjugated goat-anti-rabbit secondary antibodies were used for the analysis.



WB (Western Blot)
PSMB8 Antibody (N-term) western blot analysis in HL-60 cell line lysates (35ug/lane). This demonstrates the PSMB8 antibody detected the PSMB8 protein (arrow).

ADDITIONAL INFORMATION

Related Product Information for anti-PSMB8 antibody	The proteasome is a multicatalytic proteinase complex with a highly ordered ring-shaped 20S core structure. The core structure is composed of 4 rings of 28 non-identical subunits; 2 rings are composed of 7 alpha subunits and 2 rings are composed of 7 beta subunits. Proteasomes are distributed throughout eukaryotic cells at a high concentration and cleave peptides in an ATP/ubiquitin-dependent process in a non-lysosomal pathway. An essential function of a modified proteasome, the immunoproteasome, is the processing of class I MHC peptides. This gene encodes a member of the proteasome B-type family, also known as the T1B family, that is a 20S core beta subunit. This gene is located in the class II region of the MHC (major histocompatibility complex). Expression of this gene is induced by gamma interferon and this gene product replaces catalytic subunit 3 (proteasome beta 5 subunit) in the immunoproteasome. Proteolytic processing is required to generate a mature subunit. Two alternative transcripts encoding two isoforms have been identified; both isoforms are processed to yield the same mature subunit.
Product Categories/Family for anti-PSMB8 antibody	Cell Biology
References	Bailey, S.D., et al. Diabetes Care 33(10):2250-2253(2010) Bravo, M.J., et al. Hum. Immunol. 71(7):708-711(2010) Shi, C., et al. Epidemiol. Infect., 1-9 (2010) In press : Schuurhof, A., et al. Pediatr. Pulmonol. 45(6):608-613(2010) Ustrell, V., et al. FEBS Lett. 376(3):155-158(1995)

NCBI AND UNIPROT INFORMATION

NCBI GI #	4758970
NCBI GeneID	5696
NCBI Accession #	NP_004150.1; NP_683720.2
NCBI GenBank Nucleotide #	NM_004159.4
UniProt Accession #	P28062; Q29824; Q5JNW6; Q5QNR8; Q96J48; B0UZC0
Molecular Weight	30354

NCBI Official Full Name	proteasome subunit beta type-8 isoform E1 proprotein
NCBI Official Synonym Full Names	proteasome (prosome, macropain) subunit, beta type, 8
NCBI Official Symbol	PSMB8
NCBI Official Synonym Symbols	JMP; ALDD; LMP7; NKJO; D6S216; PSMB5i; RING10; D6S216E
NCBI Protein Information	proteasome subunit beta type-8
UniProt Protein Name	Proteasome subunit beta type-8
UniProt Gene Name	PSMB8
UniProt Synonym Gene Names	LMP7; PSMB5i; RING10; Y2
UniProt Entry Name	PSB8_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://www.aaabiotech.com/polyclonal/psmb8-antibody-flow-cytometry-western-blot-elisa/289566>